



WAJD Academy: Maths Paper 4 Answers

Answer sheet with explanations

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Q	Answer	How to get it
1	C	Add the units, tens and hundreds with carrying: $744 + 645 = 1389$.
2	B	Subtract with exchanging: $894 - 464 = 430$.
3	A	$25 \times 24 = 600$, then add one more 25 to get 625.
4	E	$6 \times 112 = 672$, so $672 \div 6 = 112$.
5	D	The 8 sits in the tens column, so it is worth 80.
6	D	The deciding digit is 8, so 4,877 rounds up to 5,000.
7	A	One ninth of 108 is 12, so four ninths is $12 \times 4 = 48$.
8	B	Multiply the top and bottom of $4/5$ by 5 to get $20/25$.
9	C	Add with the decimal points lined up: $5.3 + 2.48 = 7.78$.
10	E	$8/25 = 32/100$, because $25 \times 4 = 100$. That is 32%.
11	A	10% of 140 is 14, so 25% is 14×2 plus half of 14 = 35.
12	E	$3 + 7 = 10$ parts, so one part is $90 \div 10 = 9$ sweets. Beth gets $7 \times 9 = 63$.
13	D	Each number is double the one before, take away 3. So $3 \times 2 - 3 = 3$.
14	C	Take 6 from both sides to get $5n = 35$, then divide by 5. $n = 7$.
15	B	Swap x for 4: $y = 3 \times 4 - 6 = 6$.
16	E	Angles in a triangle add up to 180° . $180 - 35 - 76 = 69$.
17	D	Angles on a straight line add up to 180° . $180 - 101 = 79$.
18	B	Perimeter is all four sides added: $11 + 5 + 11 + 5 = 32$ cm.
19	A	Area of a parallelogram is base $\times$ height: $7 \times 4 = 28$ cm ² .
20	C	Volume of a cube is edge $\times$ edge $\times$ edge: $4 \times 4 \times 4 = 64$ cm ³ .
21	C	14:15 plus 1 hour is 15:15. Another 20 minutes takes you to 15:35.
22	A	$3 \times 85p = \text{£}2.55$. Change from $\text{£}5.00$ is $\text{£}2.45$.
23	D	1 km = 1,000 m, so $1.5 \times 1,000 = 1,500$ m.
24	B	The range is the biggest take away the smallest: $18 - 6 = 12$.
25	E	1 of the 10 marbles are yellow: $1/10$.
26	B	A seventh of 21 is 3, so there are $2 \times 3 = 6$ boys. $21 - 6 = 15$ girls.
27	E	10:18 to 11:18 is 1 hour. 11:18 to 12:51 is 93 more minutes.
28	D	$2 \times \text{£}9.75 = \text{£}19.50$ and $2 \times \text{£}5.75 = \text{£}11.50$. Together that is $\text{£}31.00$.
29	C	Work backwards: $20 - 9 = 11$, then $11 \times 4 = 44$.
30	A	A cube has 4 edges round the top, 4 round the bottom and 4 upright: 12.

